

CM-S/D/T/F H 2D Series Continuous Extrusion Blow Molding Machine



This series is a single station extrusion blow molding machine for containers from 50ml to 20L. These machines exhibit high reliability, excellent efficiency and flexibility to meet varied customer requirements.

Feature:

- Screw design according to customer requirements. Screw and barrel are made of special steel and undergo nitrifying.
- The special structure of extruder and the vertical and longitudinal adjustment of the flat-table are adjusted automatically. Blow nozzle post is also auto adjust and equipped with a water cooling device.
- Specially designed hydraulics, circuiting, and accuracy of molding movement & positioning.
- A prison parameter controller is also available for auto thickness adjusting.
- Auto bottom mould release and auto circular jar cutter are also available.
- Independent electrical cabinet, reduced vibration and computer control are according to customer request.

Specifications:

Model			CM-45SH2D	CM-55SH2D	CM-65SH2D	CM-75SH2D	CN-90SH2D	CM-45DH2D	CM-55DM2D	CM-65DH2D	CM-75DH2D	CM-90DH2D	CM-55FH2D	CM-65FH2D	CM-75FH2D	CM-90FH2D	
Model	Material to be Used		PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	
	Screw Diameter	mm	Ø45	Ø55	Ø65	Ø75	Ø90	Ø45	Ø55	Ø65	Ø75	Ø90	Ø55	Ø65	Ø75	Ø90	
	L/D Ratio		24/1	24/1	24/1	24/1	26/1	24/1	24/1	24/1	24/1	24/1	26/1	24/1	24/1	24/1	26/1
	Screw Speed Range (PE)/rpm	rpm	15-85	20-80	20-80	20-75	20-65	15-85	15-65	15-65	15-65	15-65	15-65	15-65	15-65	15-65	15-60
	Inverter Motor	HP	15	20	25	40	50	15	20	20	50	60	20	25	50	60	
	Max. Extrusive Capacity/Hour	kgs	25	37	50	78	105	25	37	44	78	105	37	60	78	105	
	Heating Zone (Barrel)	zone	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3
	Heating Capacity (Barrel)	kw	3.9	7.2	10.8	14	25.2	3.9	7.2	10.8	14	25.2	7.2	10.8	14	25.2	
Die head	Heating Zone (Diehead)	zone	2	3	3	3	3	3	3	3	5	5	5	5	9	9	
	Heating Capacity (Diehead)	kw	3.5	5.8	8	8.6	16.4	5.4	7.7	11.9	12.6	25.2	12	13	14.7	21.4	
	Double Mold Center Distance	mm	-	-	-	-	-	120	130	140	160/180	200/220	85	100	100	120	
Mold Plate	Max. Opening Stroke	mm	350	410	550	610	635	399	410	550	610	635	410	550	610	570	
	Min. Close Stroke	mm	80	100	172	210	233	150	100	172	210	233	100	172	210	250	
	Mold Clamping Force	ton	4	5.5	8	9	10.8	4	5.5	8	9	10.5	5.5	6	9	10.5	
Hydraulic System	Hydraulic Pump Motor	HP	15	15	20	20	30	15	15	20	20	30	15	20	20	30	
	Hydraulic Oil Pressure	kg/cm ²	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	Oil Tank Capacity	gallon	50	75	100	100	125	50	75	100	100	125	100	150	180	200	
Product	Product Weight (Max.)	g	60	100	170	280	450	40	80	120	140	160	12	30	50	60	
	Product Dia. (Min./Max.)	mm	20-85	20-100	30-140	50-200	70-260	10-85	20-85	30-105	50-125	40-145	10-70	10-70	20-85	30-105	
	Product Capacity (Min./Max.)	ml	100-500	250-1000	500-2500	1000-5000	4000-10000	10-200	100-500	300-1000	600-2000	1000-3000	50-150	100-300	300-500	500-1000	
	Total Power Consumption	kw	33.5	42.8	56.1	71	106	35.4	44.7	56.3	82.6	121.3	49	61.1	84.7	117.5	
	Weight of Machine	ton	4	6	6.5	8	10	4.5	6.5	7	8	10.5	7.5	8	9	11.5	